

Substitute for form 1449/PTO

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use as many sheets as necessary)

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Sheet

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of

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Application Number

2962.07US02

Filing Date

February 5, 2002

First Named Inventor

Pathak

Art Unit

1653

Examiner Name

A. Mohamed

Attorney Docket Number

2962.07US02

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL <sup>1</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number-Kind Code <sup>2</sup> (if known)		
AM		US-2,533,004	12-05-1950	Ferry et al. <i>Class/subclass 604/82</i>
		US-3,520,949	07-21-1970	Shepard et al. <i>604/164</i>
		US-4,101,380	07-18-1978	Rubinstein et al. <i>195/63</i>
		US-4,359,049	11-16-1982	Redl et al. <i>128/218</i>
		US-4,565,784	01-21-1986	Franzblau et al. <i>435/240</i>
		US-4,601,286	07-22-1986	Kaufman <i>128/999.999</i>
		US-4,631,055	12-23-1986	Redl et al. <i>604/82</i>
		US-4,646,730	03-03-1987	Schonfeld et al. <i>999/156</i>
		US-4,670,417	06-02-1987	Iwasaki et al. <i>514/6</i>
		US-4,735,616	04-05-1988	Eibl et al. <i>604/191</i>
		US-4,874,368	10-17-1989	Miller et al. <i>604/82</i>
		US-4,902,281	02-20-1990	Avoy <i>604/191</i>
		US-4,932,942	06-12-1990	Maslanka <i>604/164</i>
		US-4,937,270	06-26-1990	Hamilton et al. <i>514/777</i>
		US-4,938,763	07-03-1990	Dunn <i>604/841-1</i>
		US-4,938,763 (Reexam)	07-03-1990	Dunn <i>604/841-1</i>
		US-4,978,336	12-18-1990	Capozzi et al. <i>604/82</i>
		US-5,024,742	06-18-1991	Nesburn et al. <i>204/157-68</i>
		US-5,030,215	07-09-1991	Morse et al. <i>604/410</i>

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
AM		WO 91/09641	07-11-1991	Morse, et al.	
		WO 94/03155	02-17-1994	Weissleder et al.	
		WO 94/13311	06-23-1994	Shorr et al.	
		WO 96/03159	02-08-1996	Barrows et al.	

EXAMINER  
SIGNATURE

A. del A. Mohamed

DATE  
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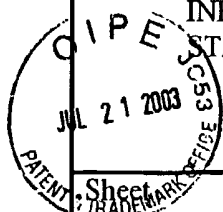
5/3/04

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Substitute for form 1449/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i> <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 10px auto;"> <div style="text-align: center;"> JUL 21 2003  USPTO  OFFICE 336 </div> </div>				Application Number	2962.07US02
				Filing Date	February 5, 2002
				First Named Inventor	Pathak
				Art Unit	1653
				Examiner Name	A. Mohamed
Sheet <u>2</u> of <u>4</u>	Attorney Docket Number	2962.07US02			
<b>U.S. PATENT DOCUMENTS</b>					
EXAMINER INITIAL <sup>*</sup>	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		Number-Kind Code <sup>2</sup> (if known)			
<div style="font-size: 2em;">↑</div>		US-5,041,292	08-20-1991	Feijen	class/subclass 424/484
		US-5,104,909	04-14-92	Grasel	521/159
		US-5,116,315	09-01-1992	Capozzi et al.	604/82
		US-5,143,662	09-01-1992	Chesterfield et al.	264/008
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		US-5,318,524	06-07-1994	Morse et al.	604/082
		US-5,368,563	11-29-1994	Lonneman et al.	604/082
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		US-5,405,607	04-11-1995	Epstein	424/94-64
		US-5,410,016	04-25-1995	Hubbell et al.	528/354
		US-5,419,491	05-30-95	Breitsprecher	239/009
		US-5,426,148	06-20-1995	Tucker	524/496
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✓		US-5,573,934	11-12-1996	Hubbell et al.	435/177
Am		US-5,582,596	12-10-1996	Fukunaga et al.	604/191
<b>FOREIGN PATENT DOCUMENTS</b>					
EXAMINER INITIAL <sup>*</sup>	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)			
Am		WO 98/35631	08-20-1998	Pathak	
✓		WO 00/72852	12-07-2000	Amery et al.	
✓		WO 00/12018	03-09-2000	Cruise et al.	
Am		EP 0557199	08-25-1993	Bischoff	
EXAMINER SIGNATURE	Abdel A Mohamed		DATE CONSIDERED	5/3/04	
<p><small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small></p> <p><small><sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.</small></p> <p><small>This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.</small></p>					



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Application Number	2962.07US02
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First Named Inventor	Pathak
Art Unit	1653
Examiner Name	A. Mohamed
Attorney Docket Number	2962.07US02

Sheet 3 of 4

## U.S. PATENT DOCUMENTS

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		Number-Kind Code <sup>2</sup> (if known)		
AM		US-5,605,541	02-25-1997	Holm <i>Class/subclass 604/082</i>
		US-5,626,863	05-06-1997	Hubbell et al. <i>424/426</i>
		US-5,644,049	07-01-1997	Giusti et al. <i>536/053</i>
		US-5,656,035	08-10-1999	Avoy <i>604/191</i>
		US-5,702,361	12-30-1997	Evans et al. <i>604/053</i>
		US-5,749,968	04-12-1998	Melanson et al. <i>118/300</i>
		US-5,773,025	06-30-1998	Baichwal <i>424/458</i>
		US-5,810,885	09-22-1998	Zinger <i>606/213</i>
		US-5,844,023	12-01-1998	Tomka <i>524/047</i>
		US-5,855,618	01-05-1999	Patnaik et al. <i>623/011</i>
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		US-6,046,305	04-04-2000	Choi <i>528/491</i>
		US-6,051,648	04-18-2000	Rhee et al. <i>525/054-1</i>
		US-6,124,273	09-26-2000	Drohan et al. <i>514/053</i>
		US-6,214,374	04-10-2001	Schmirler et al. <i>424/449</i>
		US-6,251,382	06-26-2001	Greenwald et al. <i>424/078, 17</i>
		US-6,371,975	04-16-2002	Cruise et al. <i>606/214</i>
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Ab del A. Mohamed

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				Filing Date	February 5, 2002
				First Named Inventor	Pathak
				Art Unit	1653
				Examiner Name	A. Mohamed
Sheet	4	of	4	Attorney Docket Number	2962.07US02

### NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIAL <sup>*</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
AM		Kissell et al., "Parenteral depot-systems on the basis of biodegradable polyesters", <i>J of Controlled Release</i> 16:27-42 (1991).	
		Tabata et al., "Controlled Delivery Systems for Proteins Using Polyanhydride Microspheres" <i>Pharmaceutical Research</i> , Vol. 10, No. 4, 1993.	
		Mathiowitz et al., "Polyanhydride Microspheres As Drug Carriers I. Hot-Melt Microencapsulation", <i>J Controlled Release</i> 5:13-22 (1987).	
		Irwin et al., "The Effect of Cyclodextrins on the Stability of Peptides in Nasal Enzymic Systems" <i>Pharmaceutical Research</i> , Vol. 11, No. 12, 1994.	
		Pathak et al., "Rapid Photopolymerization of Immunoprotective Gels in Contact with Cells and Tissue", <i>J Am Chem. Soc.</i> , 114, 8311-8312 (1992).	
		Keogh et al., "Albumin binding surfaces for biomaterials", <i>Laboratory and Clinical Medicine</i> , 124.4:537-545 (1994).	
		Nihant et al., "Polylactide Microparticles Prepared by Double Emulsion-Evaporation", <i>J. Colloid &amp; Interface Science</i> 173:55-65 (1995).	
		Walther et al., "Pore-Size Distributions of Cationic Polyacrylamide Hydrogels of Different Compositions Maintained at the Same Swelling Capacity", <i>J. Macromol. Sci.-Phys.</i> B33 (3&4):267-286 (1994).	
		Sawhney et al., "Bioerodible Hydrogels Base don Photopholmerized Poly(ethylene glycol)-co-poly(α-hydroxy acid) Diacrylate Macromers", <i>Macromolecules</i> 26:581-587 (1993).	
		Reddi et al., "Polyurethane Microspheres as Drug Carriers", <i>Macromolecular Reports</i> A32:789-799 (1995).	
AM		Schlag & Redl, "Fribin Sealant in Orthopedic Surgery" <i>Fibrin Sealant in Operative Orthopedic Surgery</i> Vol. 1-7:269-284 (1986).	

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Application Number	10/068,807
Filing Date	February 5, 2002
First Named Inventor	C. Pathak
Art Unit	1653
Examiner Name	Mohamed
Attorney Docket Number	2962.07US02

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AK		US-5,529,914 A 435/182	06/25/1996	Jeffrey A. Hubbell et al.
		US-6,051,248 A 424/426	04/18/2000	Amapreet S. Sawhney et al.
		US-6,162,241 A 606/214	12/19/2000	Arthur J. Coury et al.
		US-6,201,065 B1 525/990	03/13/2001	Chandrashekar P. Pathak et al.
		US-6,465,001 B1 435/174	10/15/2002	Jeffrey A. Hubbell et al.
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considered		WO 98/35631	08/20/1998	Chandrashekar Pathak	
See IDS filed 6/21/03					

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FORM PTO-1449 MODIFIED				Docket No.: 2962.07US02		Application No.: 10/068,807	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION				APPLICANT: C. Pathak			
				FILING DATE: February 5, 2002			
				GROUP ART UNIT: 1653			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
AM	5,162,430	11/10/92	Rhee et al.	525	54.1		
	5,304,595	04/19/94	Rhee et al.	525	54.1		
	5,324,775	06/28/94	Rhee et al.	525	54.2		
	5,328,955	07/12/94	Rhee et al.	525	54.1		
	5,413,791	05/09/95	Rhee et al.	424	422		
	5,446,090	08/29/95	Harris	525	54.1		
	5,446,091	08/29/95	Rhee et al.	525	54.1		
	5,470,911	11/28/95	Rhee et al.	525	54.1		
	5,475,052	12/12/95	Rhee et al.	525	54.1		
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	5,527,856	06/18/96	Rhee et al.	525	54.1		
	5,550,187	08/27/96	Rhee et al.	525	54.1		
	5,565,519	10/15/96	Rhee et al.	525	54.1		
	5,583,114	12/10/96	Barrows	514	21		
	5,614,587	03/25/97	Rhee et al.	525	54.1		
	5,631,322	05/20/97	Veronese et al.	525	54.1		
	5,643,464	07/01/97	Rhee et al.	210	748		
	5,672,622	09/30/97	Hedgepeth et al.	514	424		
	5,741,223	04/21/98	Janzen et al.	604	15		
	5,744,545	04/28/98	Rhee et al.	525	54.1		
	5,752,974	05/19/98	Rhee et al.	606	214		
	5,786,421	07/28/98	Rhee et al.	525	54.1		
	5,800,541	09/01/98	Rhee et al.	623	11		
	5,807,581	09/15/98	Rosenblatt et al.	424	484		
	5,874,500	02/23/99	Rhee et al.	525	54.1		
	5,932,462	08/03/99	Harris et al.	435	188		
	5,936,035	08/10/99	Rhee et al.	525	54.1		
	6,051,648	04/18/00	Rhee et al.	525	54.1		
	6,110,484	08/29/00	Sierra	424	426		
	6,156,531	12/05/00	Pathak et al.	435	40.5		
	6,214,966	04/10/01	Harris	528	322		
	6,258,351	07/10/01	Harris	424	78.3		
	6,312,725	11/06/01	Wallace et al.	424	484		
	FOREIGN PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
AM	WO97/22371	06/26/97	PCT				
AM	WO99/10022	03/04/99	PCT				
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